Growing e-mobility in Pilsen

20. 11. 2018 - Jiří Kohout
<table>
<thead>
<tr>
<th><strong>Population</strong></th>
<th>167,000 (aglomeration 300,000)</th>
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<tbody>
<tr>
<td><strong>City public transport</strong></td>
<td></td>
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<tr>
<td><strong>Number of lines</strong></td>
<td>49</td>
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<tr>
<td><strong>Annual performance</strong></td>
<td>15.2 mil. km</td>
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<td><strong>Number of passengers annually</strong></td>
<td>107 mil.</td>
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Electric PT network in Pilsen 2018
Pilsner Smart City Goal

“To increase share of electric traction in public transport - trams and trolleybuses - in Pilsen from 64 % in 2015 to 85 % in 2030”

It means converting 3.2 mil. km annually from diesel to electric mode

- opening one new tram extension to West Bohemia university
- using battery-hybrid trolleybus technology (in-motion charging)
- partial widening of trolleybus infrastructure
First steps and future plans

✓ done: Sustainable urban mobility
  18 standard battery-hybrid trolleybuses purchased in 2017-2018 – replacing older with auxiliary diesel power unit for existing lines 12 and 13

✓ done: Sustainable urban mobility plan for Plzeň (till 2025)
  - Plan to purchase in next 7 years:
    - next 25 standard battery-hybrid IMC trolleybuses
    - 14 articulated battery-hybrid IMC trolleybuses

- Study of a new trolleybus route to the Northern Suburb
Possible trolleybus development

- Existing overhead lines
- Planned and prospective overhead lines
- Battery mode sections
- Prospective battery mode extensions
- Other diesel bus routes
Thank you for your attention!

Jiří Kohout

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